



DECLARATION (37 CFR 1.63) AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name; and

I believe that I am the original, first, and sole inventor (if only one name is listed below), or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **EHRLICHIA RUMINANTIUM POLYPEPTIDES, ANTIGENS, POLYNUCLEOTIDES, AND METHODS OF USE** specification for which

is attached hereto.

was filed February 20, 2002, Serial No. 10/081,051.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code §119 and/or §365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Application Serial No.	Country	Filing Date	Priority Claimed
---------------------------	---------	-------------	------------------

I hereby claim priority benefits under Title 35, United States Code §119 of any provisional application(s) for patent listed below:

Application Serial No.	Filing Date	Priority Claimed
60,269,944	February 20, 2001	Yes

I hereby claim the benefit under Title 35, United States Code, §120 and/or §365 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (Patented, Pending, Abandoned)
---------------------------	-------------	--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following persons registered to practice before the Patent and Trademark Office as my attorneys and agents with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith: the registrants of the firm Saliwanchik, Lloyd & Saliwanchik, A Professional Association, 2421 N.W. 41st Street, Suite A-1, Gainesville, FL 32606-6669, Customer ID No. 23,557.

I request that all correspondence be directed to Customer ID Number 23,557.

I further request that all telephone communications be directed to:

Frank C. Eisenschenk, Ph.D.
352-375-8100

Name of First or Sole Inventor Anthony F. BarbetResidence Archer, FL Citizenship U.K.Post Office Address 8803 S.W. 138th StreetArcher, FL 32618Anthony F. Barbet Date 22nd March 2002

Signature of First or Sole Inventor

Name of Second Joint Inventor William W. WhitmireResidence Hamilton, MT Citizenship U.S.Post Office Address 1079 Outlaw Trail
Hamilton, MT 59840

Date _____

Signature of Second Joint Inventor

Name of Third Joint Inventor Sondra M. KamperResidence Round Rock, TX Citizenship U.S.Post Office Address 16835 Luckenwald Drive
Round Rock, TX 78681

Date _____

Signature of Third Joint Inventor

Name of Fourth Joint Inventor Bigboy H. SimbiResidence Zimbabwe Citizenship ZimbabwePost Office Address P.O. Box CY.551
Causeway, Harare, Zimbabwe

Date _____

Signature of Fourth Joint Inventor

Name of Fifth or Sole Inventor Roman Reddy Ganta

Residence Manhattan, KS Citizenship India

Post Office Address 1608 Little Kitten Avenue

Manhattan, KS 66503

Date _____

Signature of Fifth or Sole Inventor

Name of Sixth Joint Inventor Annie L. Moreland

Residence Trenton, FL Citizenship U.S.

Post Office Address 4499 S.E. 82nd Street
Trenton, FL 32693

Date _____

Signature of Sixth Joint Inventor

Name of Seventh Joint Inventor Duncan M. Mwangi

Residence Nairobi, Kenya Citizenship Kenya

Post Office Address Mountainview Estate, HSE 223
Off Waiyaki Way, Nairobi, Kenya

Date _____

Signature of Seventh Joint Inventor

Name of Eighth Joint Inventor Travis C. McGuire

Residence Pullman, WA Citizenship U.S.

Post Office Address S.W. 920 Crestview
Pullman, WA 99163

Date _____

Signature of Eighth Joint Inventor

Name of Ninth or Sole Inventor Suman M. Mahan

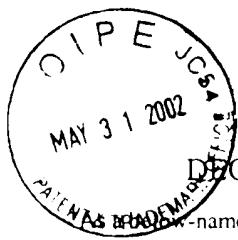
Residence Zimbabwe Citizenship Kenya

Post Office Address 71 Olwyn Avenue

Strathaven, Harare, Zimbabwe

Date _____

Signature of Ninth or Sole Inventor



DECLARATION (37 CFR 1.63) AND POWER OF ATTORNEY

As above-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name; and

I believe that I am the original, first, and sole inventor (if only one name is listed below), or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **EHRLICHIA RUMINANTIUM POLYPEPTIDES, ANTIGENS, POLYNUCLEOTIDES, AND METHODS OF USE** specification for which

is attached hereto.

was filed February 20, 2002, Serial No. 10/081,051.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code §119 and/or §365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Application Serial No.	Country	Filing Date	Priority Claimed
---------------------------	---------	-------------	------------------

I hereby claim priority benefits under Title 35, United States Code §119 of any provisional application(s) for patent listed below:

Application Serial No.	Filing Date	Priority Claimed
60/269,944	February 20, 2001	Yes

I hereby claim the benefit under Title 35, United States Code, §120 and/or §365 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (Patented, Pending, Abandoned)
---------------------------	-------------	--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following persons registered to practice before the Patent and Trademark Office as my attorneys and agents with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith: the registrants of the firm Saliwanchik, Lloyd & Saliwanchik, A Professional Association, 2421 N.W. 41st Street, Suite A-1, Gainesville, FL 32606-6669, Customer ID No. 23,557.

Docket No. UF-299XC1

I request that all correspondence be directed to Customer ID Number 23,557

I further request that all telephone communications be directed to:

Frank C. Eisenschenk, Ph.D
352-375-8100

Name of First or Sole Inventor Anthony F. BarbetResidence Archer, FL Citizenship U.K.Post Office Address 8803 S.W. 138th StreetArcher, FL 32618

Date _____

Signature of First or Sole Inventor

Name of Second Joint Inventor William M. WhitmireResidence Hamilton, MT Citizenship U.S.Post Office Address 1079 Outlaw Trail
Hamilton, MT 59840William M. Whitmire Date March 25, 2002

Signature of Second Joint Inventor

Name of Third Joint Inventor Sondra M. KamperResidence Round Rock, TX Citizenship U.S.Post Office Address 16835 Luckenwald Drive
Round Rock, TX 78681

Date _____

Signature of Third Joint Inventor

Name of Fourth Joint Inventor Bigboy H. SimbiResidence Zimbabwe Citizenship ZimbabwePost Office Address P.O. Box CY.551
Causeway, Harare, Zimbabwe

Date _____

Signature of Fourth Joint Inventor

Name of Fifth or Sole Inventor Roman Reddy Ganta

Residence Manhattan, KS Citizenship India

Post Office Address 1608 Little Kitten Avenue

Manhattan, KS 66503

Date _____

Signature of Fifth or Sole Inventor

Name of Sixth Joint Inventor Annie L. Moreland

Residence Trenton, FL Citizenship U.S.

Post Office Address 4499 S.E. 82nd Street

Trenton, FL 32693

Date _____

Signature of Sixth Joint Inventor

Name of Seventh Joint Inventor Duncan M. Mwangi

Residence Nairobi, Kenya Citizenship Kenya

Post Office Address Mountainview Estate, HSE 223

Off Waiyaki Way, Nairobi, Kenya

Date _____

Signature of Seventh Joint Inventor

Name of Eighth Joint Inventor Travis C. McGuire

Residence Pullman, WA Citizenship U.S.

Post Office Address S.W. 920 Crestview

Pullman, WA 99163

Date _____

Signature of Eighth Joint Inventor

Name of Ninth or Sole Inventor Suman M. Mahan

Residence Zimbabwe Citizenship Kenya

Post Office Address 71 Olwyn Avenue

Strathaven, Harare, Zimbabwe

Date _____

Signature of Ninth or Sole Inventor



COPY OF PAPER:
ORIGINALLY FILED

Docket No. UF-299XC1

DECLARATION (37CFR 1.63) AND POWER OF ATTORNEY

As the above-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name; and

I believe that I am the original, first, and sole inventor (if only one name is listed below), or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **EHRLICHIA RUMINANTIUM POLYPEPTIDES, ANTIGENS, POLYNUCLEOTIDES, AND METHODS OF USE** specification for which

is attached hereto.

was filed February 20, 2002, Serial No. 10/081,051.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code §119 and/or §365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Application Serial No.	Country	Filing Date	Priority Claimed
---------------------------	---------	-------------	------------------

I hereby claim priority benefits under Title 35, United States Code §119 of any provisional application(s) for patent listed below:

Application Serial No.	Filing Date	Priority Claimed
60.269.944	February 20, 2001	Yes

I hereby claim the benefit under Title 35, United States Code, §120 and/or §365 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (Patented, Pending, Abandoned)
---------------------------	-------------	--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following persons registered to practice before the Patent and Trademark Office as my attorneys and agents with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith: the registrants of the firm Saliwanchik, Lloyd & Saliwanchik, A Professional Association, 2421 N. W. 41st Street, Suite A-1, Gainesville, FL 32606-6669, Customer ID No. 23,557.

I request that all correspondence be directed to Customer ID Number 23,557.

I further request that all telephone communications be directed to:

Frank C. Eisenschenk, Ph.D.
352-375-8100

Name of First or Sole Inventor Anthony F. BarbetResidence Archer, FL Citizenship U.K.Post Office Address 8803 S.W. 138th StreetArcher, FL 32618

Date _____

Signature of First or Sole Inventor

Name of Second Joint Inventor William W. WhitmireResidence Hamilton, MT Citizenship U.S.Post Office Address 1079 Outlaw TrailHamilton, MT 59840

Date _____

Signature of Second Joint Inventor

Name of Third Joint Inventor Sondra M. KamperResidence Round Rock, TX Citizenship U.S.Post Office Address 16835 Luckenwald DriveRound Rock, TX 78681Sondra M. Kamper Date March 26, 2002
Signature of Third Joint Inventor

Name of Fourth Joint Inventor Bigboy H. SimbiResidence Zimbabwe Citizenship ZimbabwePost Office Address P.O. Box CY.551Causeway, Harare, Zimbabwe

Date _____

Signature of Fourth Joint Inventor

Name of Fifth or Sole Inventor Roman Reddy Ganta

Residence Manhattan, KS Citizenship India

Post Office Address 1608 Little Kitten Avenue

Manhattan, KS 66503

Date _____

Signature of Fifth or Sole Inventor

Name of Sixth Joint Inventor Annie L. Moreland

Residence Trenton, FL Citizenship U.S.

Post Office Address 4499 S.E. 82nd Street

Trenton, FL 32693

Date _____

Signature of Sixth Joint Inventor

Name of Seventh Joint Inventor Duncan M. Mwangi

Residence Nairobi, Kenya Citizenship Kenya

Post Office Address Mountainview Estate, HSE 223

Off Waiyaki Way, Nairobi, Kenya

Date _____

Signature of Seventh Joint Inventor

Name of Eighth Joint Inventor Travis C. McGuire

Residence Pullman, WA Citizenship U.S.

Post Office Address S.W. 920 Crestview

Pullman, WA 99163

Date _____

Signature of Eighth Joint Inventor

Name of Ninth or Sole Inventor Suman M. Mahan

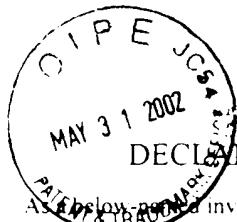
Residence Zimbabwe Citizenship Kenya

Post Office Address 71 Olwyn Avenue

Strathaven, Harare, Zimbabwe

Date _____

Signature of Ninth or Sole Inventor



COPY OF PAPERS
ORIGINALLY FILED

Docket No. UF-299XC1

DECLARATION (37 CFR 1.63) AND POWER OF ATTORNEY

As above, I, the inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name; and

I believe that I am the original, first, and sole inventor (if only one name is listed below), or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **EHRLICHIA RUMINANTIUM POLYPEPTIDES, ANTIGENS, POLYNUCLEOTIDES, AND METHODS OF USE** specification for which

is attached hereto.
 was filed February 20, 2002, Serial No. 10/081,051.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code §119 and/or §365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Application Serial No.	Country	Filing Date	Priority Claimed
---------------------------	---------	-------------	------------------

I hereby claim priority benefits under Title 35, United States Code §119 of any provisional application(s) for patent listed below:

Application Serial No.	Filing Date	Priority Claimed
60/269,944	February 20, 2001	Yes

I hereby claim the benefit under Title 35, United States Code, §120 and/or §365 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (Patented, Pending, Abandoned)
---------------------------	-------------	--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following persons registered to practice before the Patent and Trademark Office as my attorneys and agents with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith: the registrants of the firm Saliwanchik, Lloyd & Saliwanchik, A Professional Association, 2421 N.W. 41st Street, Suite A-1, Gainesville, FL 32606-6669, Customer ID No. 23,557.

I request that all correspondence be directed to Customer ID Number 23,557.

I further request that all telephone communications be directed to:

Frank C. Eisenschenk, Ph.D.
352-375-8100

Name of First or Sole Inventor Anthony F. Barbet

Post Office Address 8803 S.W. 138th Street

Archer, FL 32618

Date _____

Signature of First or Sole Inventor

Name of Second Joint Inventor William W. Whitmire

Post Office Address: 1070 Outlaw Trail

1079 Outlaw Trail
Hamilton, MT 59840

Date

Signature of Second Joint Inventor _____ Date _____

Name of Third Joint Inventor Sondra M. Kamper

Residence Round Rock, TX Citizenship U.S.

16835 Luckenwald Drive

Date

Signature of Third Joint Inventor

Name of Fourth Joint Inventor Bigboy H. Simbi

Residence Zimbabwe Citizenship Zimbabwe

Post Office Address P.O. Box CY-551

Causeway, Harare, Zimbabwe

Date 1/1/2013 Page 1

Signature of Fourth Joint Inventor

Name of Fifth or Sole Inventor Roman Reddy Ganta

Residence Manhattan, KS Citizenship India

Post Office Address 1608 Little Kitten Avenue

Manhattan, KS 66503

Date _____

Signature of Fifth or Sole Inventor

Name of Sixth Joint Inventor Annie L. Moreland

Residence Trenton, FL Citizenship U.S.

Post Office Address 4499 S.E. 82nd Street

Trenton, FL 32693

Date _____

Signature of Sixth Joint Inventor

Name of Seventh Joint Inventor Duncan M. Mwangi

Residence Nairobi, Kenya Citizenship Kenya

Post Office Address Mountainview Estate, HSE 223

Off Waiyaki Way, Nairobi, Kenya

Date _____

Signature of Seventh Joint Inventor

Name of Eighth Joint Inventor Travis C. McGuire

Residence Pullman, WA Citizenship U.S.

Post Office Address S.W. 920 Crestview

Pullman, WA 99163

Date _____

Signature of Eighth Joint Inventor

Name of Ninth or Sole Inventor Suman M. Mahan

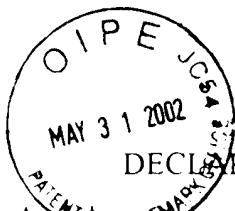
Residence Zimbabwe Citizenship Kenya

Post Office Address 71 Olwyn Avenue

Strrathaven, Harare, Zimbabwe

Date

Signature of Ninth or Sole Inventor



COPY OF PAPER,
ORIGINAL OR FILED

Docket No. UF-299XC1

DECLARATION (37 CFR 1.63) AND POWER OF ATTORNEY

As a ~~jointly named~~ inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name; and

I believe that I am the original, first, and sole inventor (if only one name is listed below), or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **EHRLICHIA RUMINANTIUM POLYPEPTIDES, ANTIGENS, POLYNUCLEOTIDES, AND METHODS OF USE** specification for which

is attached hereto.

was filed February 20, 2002, Serial No. 10/081,051.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code §119 and or §365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Application Serial No.	Country	Filing Date	Priority Claimed
---------------------------	---------	-------------	------------------

I hereby claim priority benefits under Title 35, United States Code §119 of any provisional application(s) for patent listed below:

Application Serial No.	Filing Date	Priority Claimed
60-269,944	February 20, 2001	Yes

I hereby claim the benefit under Title 35, United States Code, §120 and/or §365 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (Patented, Pending, Abandoned)
---------------------------	-------------	--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following persons registered to practice before the Patent and Trademark Office as my attorneys and agents with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith: the registrants of the firm Saliwanchik, Lloyd & Saliwanchik, A Professional Association, 2421 N.W. 41st Street, Suite A-1, Gainesville, FL 32606-6669, Customer ID No. 23,557.

I request that all correspondence be directed to Customer ID Number 23,557.

I further request that all telephone communications be directed to:

Frank C. Eisenschenk, Ph.D
352-375-8100

Name of First or Sole Inventor Anthony F. Barbet

Residence Archer, FL Citizenship U.K.

Post Office Address 8803 S.W. 138th Street

Archer, FL 32618

Date _____

Signature of First or Sole Inventor

Name of Second Joint Inventor William W. Whitmire

Residence Hamilton, MT Citizenship U.S.

Post Office Address 1079 Outlaw Trail

Hamilton, MT 59840

Date _____

Signature of Second Joint Inventor

Name of Third Joint Inventor Sondra M. Kamper

Residence Round Rock, TX Citizenship U.S.

Post Office Address 16835 Luckenwald Drive

Round Rock, TX 78681

Date _____

Signature of Third Joint Inventor

Name of Fourth Joint Inventor Bigboy H. Simbi

Residence Zimbabwe Citizenship Zimbabwe

Post Office Address P.O. Box CY.551

Causeway, Harare, Zimbabwe

Date _____

Signature of Fourth Joint Inventor

Name of Fifth or Sole Inventor Roman Reddy GantaResidence Manhattan, KS Citizenship IndiaPost Office Address 1608 Little Kitten AvenueManhattan, KS 66503Roman R Ganta Date 3/28/02
Signature of Fifth or Sole Inventor*****
Name of Sixth Joint Inventor Annie L. MorelandResidence Trenton, FL Citizenship U.S.Post Office Address 4499 S.E. 82nd Street
Trenton, FL 32693

Date _____

Signature of Sixth Joint Inventor

Name of Seventh Joint Inventor Duncan M. MwangiResidence Nairobi, Kenya Citizenship KenyaPost Office Address Mountainview Estate, HSE 223
Off Waiyaki Way, Nairobi, Kenya

Date _____

Signature of Seventh Joint Inventor

Name of Eighth Joint Inventor Travis C. McGuireResidence Pullman, WA Citizenship U.S.Post Office Address S.W. 920 Crestview
Pullman, WA 99163

Date _____

Signature of Eighth Joint Inventor

Name of Ninth or Sole Inventor Suman M. Mahan

Residence Zimbabwe Citizenship Kenya

Post Office Address 71 Olwyn Avenue

Strrathaven, Harare, Zimbabwe

Date

Signature of Ninth or Sole Inventor



DECLARATION (37 CFR 1.63) AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name; and

I believe that I am the original, first, and sole inventor (if only one name is listed below), or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **EHRLICHIA RUMINANTIUM POLYPEPTIDES, ANTIGENS, POLYNUCLEOTIDES, AND METHODS OF USE** specification for which

is attached hereto.

was filed February 20, 2002, Serial No. 10/081,051.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code §119 and/or §365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Application Serial No.	Country	Filing Date	Priority Claimed
---------------------------	---------	-------------	------------------

I hereby claim priority benefits under Title 35, United States Code §119 of any provisional application(s) for patent listed below:

Application Serial No.	Filing Date	Priority Claimed
60/269,944	February 20, 2001	Yes

I hereby claim the benefit under Title 35, United States Code, §120 and/or §365 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (Patented, Pending, Abandoned)
---------------------------	-------------	--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following persons registered to practice before the Patent and Trademark Office as my attorneys and agents with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith: the registrants of the firm Saliwanchik, Lloyd & Saliwanchik, A Professional Association, 2421 N.W. 41st Street, Suite A-1, Gainesville, FL 32606-6669, Customer ID No. 23,557.

I request that all correspondence be directed to Customer ID Number 23,557.

I further request that all telephone communications be directed to:

Frank C. Eisenschenk, Ph.D.
352-375-8100

Name of First or Sole Inventor Anthony F. Barbet

Residence Archer, FL Citizenship U.K.

Post Office Address 8803 S.W. 138th Street

Archer, FL 32618

Date _____

Signature of First or Sole Inventor

Name of Second Joint Inventor William W. Whitmire

Residence Hamilton, MT Citizenship U.S.

Post Office Address 1079 Outlaw Trail

Hamilton, MT 59840

Date _____

Signature of Second Joint Inventor

Name of Third Joint Inventor Sondra M. Kamper

Residence Round Rock, TX Citizenship U.S.

Post Office Address 16835 Luckenwald Drive

Round Rock, TX 78681

Date _____

Signature of Third Joint Inventor

Name of Fourth Joint Inventor Bigboy H. Simbi

Residence Zimbabwe Citizenship Zimbabwe

Post Office Address P.O. Box CY.551

Causeway, Harare, Zimbabwe

Date _____

Signature of Fourth Joint Inventor

Name of Fifth or Sole Inventor Roman Reddy GantaResidence Manhattan, KS Citizenship IndiaPost Office Address 1608 Little Kitten AvenueManhattan, KS 66503

Date _____

Signature of Fifth or Sole Inventor

Name of Sixth Joint Inventor Annie L. MorelandResidence Trenton, FL Citizenship U.S.Post Office Address 4499 S.E. 82nd StreetTrenton, FL 32693Annie L. Moreland Date 3/25/02

Signature of Sixth Joint Inventor

Name of Seventh Joint Inventor Duncan M. MwangiResidence Nairobi, Kenya Citizenship KenyaPost Office Address Mountainview Estate, HSE 223Off Waiyaki Way, Nairobi, Kenya

Date _____

Signature of Seventh Joint Inventor

Name of Eighth Joint Inventor Travis C. McGuireResidence Pullman, WA Citizenship U.S.Post Office Address S.W. 920 CrestviewPullman, WA 99163

Date _____

Signature of Eighth Joint Inventor

Name of Ninth or Sole Inventor Suman M. Mahan

Residence Zimbabwe Citizenship Kenya

Post Office Address 71 Olwyn Avenue

Strathaven, Harare, Zimbabwe

Date

Signature of Ninth or Sole Inventor



COPY OF PAPER(S)
ORIGINALLY FILED

Docket No. UF-299XC1

DECLARATION (37 CFR 1.63) AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name: and

I believe that I am the original, first, and sole inventor (if only one name is listed below), or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **EHRLICHIA RUMINANTIUM POLYPEPTIDES, ANTIGENS, POLYNUCLEOTIDES, AND METHODS OF USE** specification for which

is attached hereto.

was filed February 20, 2002, Serial No. 10/081,051.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code §119 and/or §365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Application Serial No.	Country	Filing Date	Priority Claimed
---------------------------	---------	-------------	------------------

I hereby claim priority benefits under Title 35, United States Code §119 of any provisional application(s) for patent listed below:

Application Serial No.	Filing Date	Priority Claimed
60 269,944	February 20, 2001	Yes

I hereby claim the benefit under Title 35, United States Code, §120 and/or §365 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (Patented, Pending, Abandoned)
---------------------------	-------------	--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following persons registered to practice before the Patent and Trademark Office as my attorneys and agents with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith. the registrants of the firm Saliwanchik, Lloyd & Saliwanchik, A Professional Association, 2421 N.W. 41st Street, Suite A-1, Gainesville, FL 32606-6669, Customer ID No. 23,557

I request that all correspondence be directed to Customer ID Number 23,557.

I further request that all telephone communications be directed to:

Frank C. Eisenschenk, Ph.D.
352-375-8100

Name of First or Sole Inventor Anthony F. BarbetResidence Archer, FL Citizenship U.K.Post Office Address 8803 S.W. 138th StreetArcher, FL 32618

Date _____

Signature of First or Sole Inventor _____

Name of Second Joint Inventor William W. WhitmireResidence Hamilton, MT Citizenship U.S.Post Office Address 1079 Outlaw TrailHamilton, MT 59840

Date _____

Signature of Second Joint Inventor _____

Name of Third Joint Inventor Sondra M. KamperResidence Round Rock, TX Citizenship U.S.Post Office Address 16835 Luckenwald DriveRound Rock, TX 78681

Date _____

Signature of Third Joint Inventor _____

Name of Fourth Joint Inventor Bigboy H. SimbiResidence Zimbabwe Citizenship ZimbabwePost Office Address P.O. Box CY.551Causeway, Harare, Zimbabwe

Date _____

Signature of Fourth Joint Inventor _____

Docket No. UF-299XC1

Name of Fifth or Sole Inventor Roman Reddy Ganta

Residence Manhattan, KS Citizenship India

Post Office Address 1608 Little Kitten Avenue

Manhattan, KS 66503

Date _____

Signature of Fifth or Sole Inventor

Name of Sixth Joint Inventor Annie L. Moreland

Residence Trenton, FL Citizenship U.S.

Post Office Address 4499 S.E. 82nd Street

Trenton, FL 32693

Date _____

Signature of Sixth Joint Inventor

Name of Seventh Joint Inventor Duncan M. Mwangi

Residence Nairobi, Kenya Citizenship Kenya

Post Office Address Mountainview Estate, HSE 223 *to ILRI P.O. Box 30709*
NAIROBI
Off Waiyaki Way, Nairobi, Kenya

Signature of Seventh Joint Inventor

Date 17th May 2002

Name of Eighth Joint Inventor Travis C. McGuire

Residence Pullman, WA Citizenship U.S.

Post Office Address S.W. 920 Crestview
Pullman, WA 99163

Date _____

Signature of Eighth Joint Inventor

Name of Ninth or Sole Inventor Suman M. Mahan

Residence Zimbabwe Citizenship Kenya

Post Office Address 71 Olwyn Avenue

Strathaven, Harare, Zimbabwe

Date _____

Signature of Ninth or Sole Inventor



COPY OF PATENT
ORIGINALLY FILED

Docket No. UF-299XC1

DECLARATION (37 CFR 1.63) AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name; and

I believe that I am the original, first, and sole inventor (if only one name is listed below), or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **EHRLICHIA RUMINANTIUM POLYPEPTIDES, ANTIGENS, POLYNUCLEOTIDES, AND METHODS OF USE** specification for which

is attached hereto.

was filed February 20, 2002, Serial No. 10/081,051.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code §119 and/or §365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Application Serial No.	Country	Filing Date	Priority Claimed
---------------------------	---------	-------------	------------------

I hereby claim priority benefits under Title 35, United States Code §119 of any provisional application(s) for patent listed below:

Application Serial No.	Filing Date	Priority Claimed
60/269,944	February 20, 2001	Yes

I hereby claim the benefit under Title 35, United States Code, §120 and/or §365 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (Patented, Pending, Abandoned)
---------------------------	-------------	--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following persons registered to practice before the Patent and Trademark Office as my attorneys and agents with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith: the registrants of the firm Saliwanchik, Lloyd & Saliwanchik, A Professional Association, 2421 N.W. 41st Street, Suite A-1, Gainesville, FL 32606-6669, Customer ID No. 23,557.

I request that all correspondence be directed to Customer ID Number 23,557.

I further request that all telephone communications be directed to:

Frank C. Eisenschenk, Ph.D.
352-375-8100

Name of First or Sole Inventor Anthony F. Barbet

Residence Archer, FL Citizenship U.K.

Post Office Address 8803 S.W. 138th Street

Archer, FL 32618

Date _____

Signature of First or Sole Inventor

Name of Second Joint Inventor William W. Whitmire

Residence Hamilton, MT Citizenship U.S.

Post Office Address 1079 Outlaw Trail

Hamilton, MT 59840

Date _____

Signature of Second Joint Inventor

Name of Third Joint Inventor Sondra M. Kamper

Residence Round Rock, TX Citizenship U.S.

Post Office Address 16835 Luckenwald Drive

Round Rock, TX 78681

Date _____

Signature of Third Joint Inventor

Name of Fourth Joint Inventor Bigboy H. Simbi

Residence Zimbabwe Citizenship Zimbabwe

Post Office Address P.O. Box CY.551

Causeway, Harare, Zimbabwe

Date _____

Signature of Fourth Joint Inventor

Name of Fifth or Sole Inventor Roman Reddy GantaResidence Manhattan, KS Citizenship IndiaPost Office Address 1608 Little Kitten AvenueManhattan, KS 66503

Date _____

Signature of Fifth or Sole Inventor

Name of Sixth Joint Inventor Annie L. MorelandResidence Trenton, FL Citizenship U.S.Post Office Address 4499 S.E. 82nd StreetTrenton, FL 32693

Date _____

Signature of Sixth Joint Inventor

Name of Seventh Joint Inventor Duncan M. MwangiResidence Nairobi, Kenya Citizenship KenyaPost Office Address Mountainview Estate, HSE 223Off Waiyaki Way, Nairobi, Kenya

Date _____

Signature of Seventh Joint Inventor

Name of Eighth Joint Inventor Travis C. McGuireResidence Pullman, WA Citizenship U.S.Post Office Address S.W. 920 CrestviewPullman, WA 99163Date 4/1/02Travis C. McGuire
Signature of Eighth Joint Inventor

Name of Ninth or Sole Inventor Suman M. Mahan

Residence Zimbabwe Citizenship Kenya

Post Office Address 71 Olwyn Avenue

Strathaven, Harare, Zimbabwe

Date _____

Signature of Ninth or Sole Inventor



COPY OF PAPER
ORIGINALLY FILED

Docket No. UF-299XC1

DECLARATION (37 CFR 1.63) AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name; and

I believe that I am the original, first, and sole inventor (if only one name is listed below), or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **EHRLICHIA RUMINANTIUM POLYPEPTIDES, ANTIGENS, POLYNUCLEOTIDES, AND METHODS OF USE** specification for which

is attached hereto.

was filed February 20, 2002, Serial No. 10,081,051.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code §119 and/or §365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Application Serial No.	Country	Filing Date	Priority Claimed
---------------------------	---------	-------------	------------------

I hereby claim priority benefits under Title 35, United States Code §119 of any provisional application(s) for patent listed below:

Application Serial No.	Filing Date	Priority Claimed
60,269,944	February 20, 2001	Yes

I hereby claim the benefit under Title 35, United States Code, §120 and/or §365 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (Patented, Pending, Abandoned)
---------------------------	-------------	--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following persons registered to practice before the Patent and Trademark Office as my attorneys and agents with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith: the registrants of the firm Saliwanchik, Lloyd & Saliwanchik, A Professional Association, 2421 N.W. 41st Street, Suite A-1, Gainesville, FL 32606-6669, Customer ID No. 23,557.

I request that all correspondence be directed to Customer ID Number 23,557.

I further request that all telephone communications be directed to:

Frank C. Eisenschenk, Ph.D.
352-375-8100

Name of First or Sole Inventor Anthony F. Barbet

Residence Archer, FL Citizenship U.K.

Post Office Address 8803 S.W. 138th Street

Archer, FL 32618

Date _____

Signature of First or Sole Inventor

Name of Second Joint Inventor William W. Whitmire

Residence Hamilton, MT Citizenship U.S.

Post Office Address 1079 Outlaw Trail

Hamilton, MT 59840

Date _____

Signature of Second Joint Inventor

Name of Third Joint Inventor Sondra M. Kamper

Residence Round Rock, TX Citizenship U.S.

Post Office Address 16835 Luckenwald Drive

Round Rock, TX 78681

Date _____

Signature of Third Joint Inventor

Name of Fourth Joint Inventor Bigboy H. Simbi

Residence Zimbabwe Citizenship Zimbabwe

Post Office Address P.O. Box CY.551

Causeway, Harare, Zimbabwe

Date _____

Signature of Fourth Joint Inventor

Name of Fifth or Sole Inventor Roman Reddy Ganta

Residence Manhattan, KS Citizenship India

Post Office Address 1608 Little Kitten Avenue

Manhattan, KS 66503

Date _____

Signature of Fifth or Sole Inventor

Name of Sixth Joint Inventor Annie L. Moreland

Residence Trenton, FL Citizenship U.S.

Post Office Address 4499 S.E. 82nd Street

Trenton, FL 32693

Date _____

Signature of Sixth Joint Inventor

Name of Seventh Joint Inventor Duncan M. Mwangi

Residence Nairobi, Kenya Citizenship Kenya

Post Office Address Mountainview Estate, HSE 223

Off Waiyaki Way, Nairobi, Kenya

Date _____

Signature of Seventh Joint Inventor

Name of Eighth Joint Inventor Travis C. McGuire

Residence Pullman, WA Citizenship U.S.

Post Office Address S.W. 920 Crestview

Pullman, WA 99163

Date _____

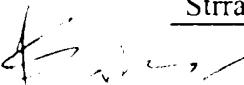
Signature of Eighth Joint Inventor

Name of Ninth or Sole Inventor Suman M. Mahan

Residence Zimbabwe Citizenship Kenya

Post Office Address 71 Olwyn Avenue

Strrathaven, Harare, Zimbabwe

 Signature of Ninth or Sole Inventor

Date 1.1.2012
